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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 3726

Examiner: R. Chang

In re application of

Gamel et al.

Serial No. 09/466,521

Filed December 17, 1999

COMPONENT ALIGNMENT
APPARATUSES

AMENDMENT AND RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15222
October 24, 2001

Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated August 22, 2001 (the "Office Action") and to place the above captioned application ("subject application") in better condition for allowance, please amend the subject application as follows:

In the claims

Please amend claims 30, 44, 61, 64, and 72 as follows:

30. (Four Times Amended) A component transfer apparatus for transferring a component having at least two sides that are substantially parallel to each other and that each have an equivalent number of leads protruding therefrom, said apparatus comprising:

a pick and place machine including a controller connected to a movable pick head and a component feed source, said pick head having access to said component feed source, said